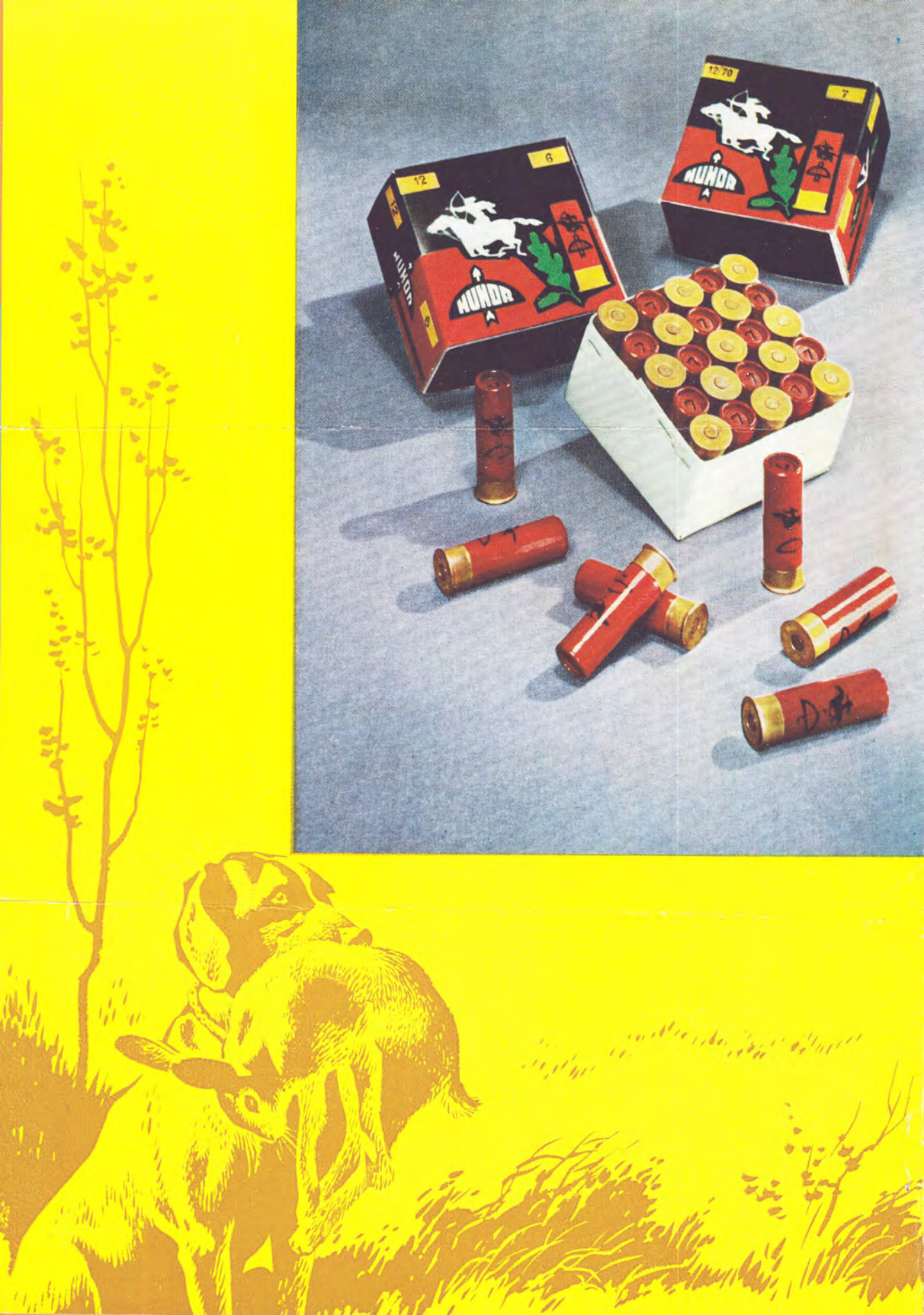




**HUNGARIAN SPORTING
AND
SHOTGUN AMMUNITION**



"Hunor"

shotgun cartridges are trademarked Hungarian products. Calibre and quality specifications of "HUNOR" shotgun cartridges are fully con-

form to international standards. A summary of technical and quality specifications of "HUNOR" cartridges:

Casing base: made of corrosion-proof copper-clad steel-band, branded with the letters "Made in Hungary" and the calibre.

Cap: NONOXID brand, Gevelot type, anti-corrosive. The priming composition consists of trizinate, tetrazene, barium nitrate and antimony sulfide.

Cartridge shell: technical kraft paper in red (or upon special order: green) colour. Stearine-treated and coated with colourless nitro-varnish to increase resistance to moisture. The letters "HUNOR" are printed in black on the shell.

Powder load: cellulose nitrate gelatinized with a mixture of alcohol and acetone. The load varies from 1,9—2,2 g according to calibre. Export quality smokeless powder.

Wad: Plastic (PVC) wad, this Hungarian patent is a marked improvement over usual felt wads.

Shot: hard lead (containing 1—5% Sb, max. 0.3% As). Shots ranging from 1.9 mm to 4 mm size by steps of 0.1 mm are supplied as specified in order. (For sizes see Table on page 4.)

"HUNOR" shotgun cartridges are usually manufactured in lengths of 65 and 70 mm, but on special order cartridges of 60 mm length will be supplied.

"HUNOR" shotgun cartridges are exported in three calibres: cal. 20, cal. 16 and cal. 12 sizes only.

Ballistic specifications of HUNOR shotgun cartridges:

Shot velocity: V10 280—320 m./sec.

Scattering pattern of shot: measured at range of 35 metres, fired from a moderately choked barrel 75—80% of the shot are scattered within a



0.75 m. dia. target. On special request shotgun cartridges are supplied with neutral commercial marks, technical, quality and other specifications of the latter being identical with those of Hungarian made shotgun cartridges bearing the registered trade-mark "HUNOR".

Packing of shotgun cartridges:

As a rule, our shotgun cartridges are packed in boxes of 25 apiece marked HUNOR. However, on special request shotgun cartridges can be packed in boxes of 10. Lots of 500 pieces are placed in reinforced cardboard boxes, lots of 1000 pieces in wooden boxes for export purposes (the boxes are lined with special water-proof paper).

SHIPPING WEIGHT AND MEASUREMENTS

		Pcs	Weight		Case dimensions cm
			gross kg	net kg	
Cal.	Reinforced cardboard box	500	30	26	35×30×25
12	Wooden case	1000	61	51	64×28×38
Cal.	Reinforced cardboard box	500	27	23	35×30×25
16	Wooden case	1000	54	44	64×28×34

COHERENCE BETWEEN NUMBER AND DIMENSION OF SHOT

No.	Diameter in mm			
	French	German	British	American
1.	4,—	4,—	(BB) 4,—	4,—
2.	3,75	3,75	3,50	3,75
3.	3,50	3,50	3,25	3,50
4.	3,25	3,25	3,—	3,25
5.	3,—	3,—		3,—
5,5.			2,75	
6.	2,75	2,75		
6,5.			2,50	
7.	2,50	2,50		2,50
8.	2,25	2,25	2,25	2,25
9.	2,—	2,—	2,—	2,—
10.	1,75	1,75	1,75	1,75







“Longrifle”

cartridges are used as target and sporting ammunition, and also with Flobert rifles. LONGRIFLE cartridges are of the cal. 22 (5.6 mm.) calibre, with tombac shell.

Cartridges of these category are rim-fire cartridges, with primer mixed from trizinate, tetrazene, barium nitrate, antimony sulfide and lead peroxide.

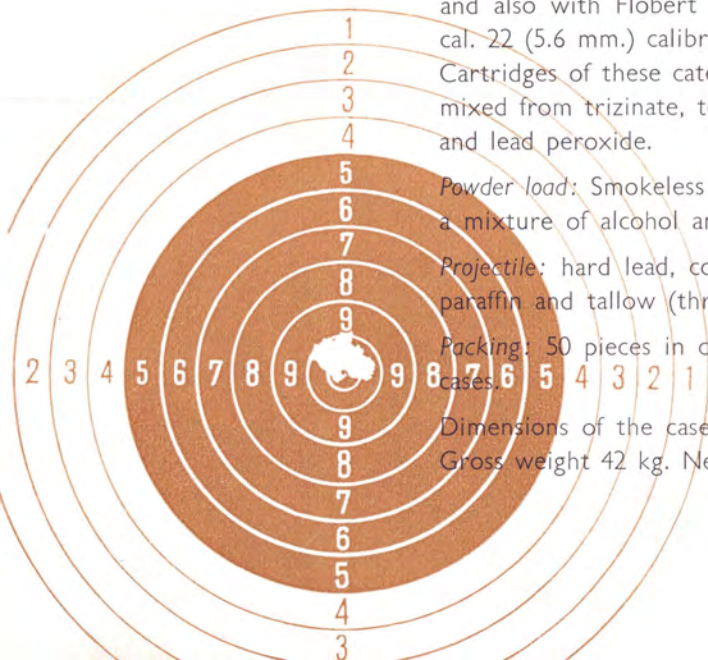
Powder load: Smokeless powder, cellulose nitrate gelatinized with a mixture of alcohol and acetone.

Projectile: hard lead, coated against corrosion with a mixture of paraffin and tallow (three guide bands).

Packing: 50 pieces in cardboard boxes, 10.000 pieces in wooden cases.

Dimensions of the case: 42×31×19 cm.

Gross weight 42 kg. Net weight 35 kg.



“Short”

cartridges are especially designed as target ammunition for automatic revolvers.

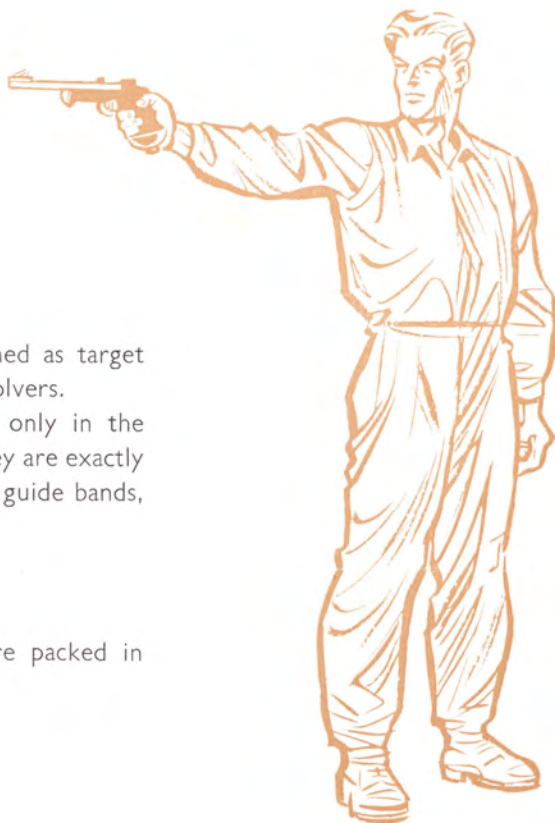
SHORT cartridges differ from Longrifle cartridges only in the length of the shell and of the projectile. Otherwise they are exactly similar to Longrifle cartridges, with the exception of guide bands, of which here there are only two.

Packing of our Short cartridges:

In cardboard boxes containing 50 pieces; 10,000 are packed in wooden cases.

Case dimensions: 42×31×19 cm.

Weight: gross 29 kg., net 25 kg.





FERUNION - BUDAPEST

P. O. B. 190. HUNGARY